CLAIMS

What is claimed is:

- 1 1-22. (Cancelled)
- 1 37. (Amended Once) A shielded housing formed by the method
- 2 comprising:
- forming a flat pattern of the shielded housing from a
- 4 sheet of conductive material, the flat pattern including one
- or more forward fingers extending from an edge thereof;
- folding the flat pattern along fold lines to form flaps
- 7 and sides of the shielded housing; and
- bending the flat pattern along bend lines to form the
- one or more forward fingers of the shielded housing.
- 1 38. (Original) A method of assembling an opto-electronic
- 2 module comprising:
- forming a shielded housing with an open end, the
- 4 shielded housing formed out of a sheet of conductive
- 5 material to provide electromagnetic radiation shielding and
- 6 protection of components, the shielded housing including one
- or more fingers to couple the shielded housing to ground;
- 8 assembling optical, electrical and optical-electrical
- 9 components into a chassis to form a subassembly;
- inserting the subassembly into the open end of the
- shielded housing, the shielded housing around the
- subassembly; and
- closing the open end of the shielded housing to hold
- the subassembly and the shielded housing assembled together.
- 1 39. (Original) The method of claim 38 wherein,
- the shielding housing is a one-piece shielding housing
- 3 to protect components and to shield electromagnetic
- 4 radiation.

1	40.	(Original) The method of claim 38 wherein,
2		the open end is a back side and the inserting includes
3		inserting a front end of the subassembly into the
4		open end of the back side of the shielded housing.
1	41.	(Original) The method of claim 40 wherein,
2		the closing of the open end of the back side includes
3		folding a left side wing and a right side wing
4		into the open end, and
5		folding a back side flap down over the open end to
6		couple to the left side wing and the right side wing.
1	42.	(Original) The method of claim 38 wherein,
2		the open end is a front side and the inserting includes
3		inserting a rear end of the subassembly into the open
4 .		end of the front side of the shielded housing.
1	43.	(Amended Once) The method of claim 42 wherein,
2		the closing of the open end of the front side includes
3		folding a strap and a septum of the shielded
4		housing, the strap folded across the open end to strap
5		the subassembly into the shielded housing, the septum
6		folded into the open end to couple to the bottom side
7		of the shielded housing to hold the subassembly
8		strapped into the shielded housing.
1	44.	(Amended Once) The method of claim 38 wherein,
2		the forming of the shielded housing includes
3		stamping a pattern of the shielded housing into
4		the sheet of conductive material, the pattern including
5		the one or more fingers near an edge of the flat sheet,
6		folding the sheet of conductive material along a
7		plurality of fold lines into a multi-sided
R		rectangularly shaped container but for the open end.

9	and
10	bending the one or more fingers into shape.
1	45. (Amended Once) An opto-electronic module formed by the
2	method comprising:
3	forming a shielded housing with an open end, the
4	shielded housing formed out of a sheet of conductive
5	material to provide electromagnetic radiation shielding and
6	protection of components, the shielded housing including one
7	or more forward fingers extending from an edge to couple the
8	shielded housing to ground;
9	assembling optical, electrical and optical-electrical
10	components into a chassis to form a subassembly;
11	inserting the subassembly into the open end of the
12	shielded housing, the shielded housing around the
13	subassembly; and
14	closing the open end of the shielded housing to hold
15	the subassembly and the shielded housing assembled together.
1	46-63. (Cancelled)
1	64. (Original) A method to assemble an EMI shielding module
2	comprising:
3	forming a plurality of substantially equidistant spring
4	fingers along an edge of a flat sheet;
5	forming a strap at the edge of the flat sheet and a
6	septum on the end of the strap;
7	forming a pair of bottom flaps in the flat sheet;
8	folding the flat sheet along axes to form a container
9	substantially in the shape of rectangular box, the
10	rectangular box having a first end and a second end, the
11	first end having the plurality of fingers along each of a
12	plurality of edges and an opening for cable connectors, the
13	second end having a backside flap;

- folding the strap across the opening for cable connectors; and
- 16 coupling the septum to inner surfaces of the bottom
- flaps to hold the strap across the opening.
- 1 65. (Original) The method of claim 64 wherein,
- the EMI shielding module is a one-piece shielded
- 3 housing to protect components and to shield electromagnetic
- 4 radiation.
- 1 66. (Original) The method of claim 64 wherein,
- the EMI shielding module encloses a module chassis
- frame, the module chassis frame being a central structural
- 4 support to which one or more optical, electrical and
- optical-electrical components used in transmission and
- 6 reception of optical signals are attached.
- 1 67-76. (Cancelled)
- 1 77. (Original) A method to assemble an optical transmitter
- 2 and/or receiver, the method comprising:
- forming a plurality of fingers, a strap, and a septum
- along a first edge of a conductive sheet;
- placing the conductive sheet on a module chassis frame,
- 6 the module chassis frame having a plurality of components
- 7 used in transmitting and/or receiving optical signals;
- 8 folding the conductive sheet around the module chassis
- frame such that the conductive sheet substantially encloses
- the module chassis frame but for a frontal opening adjacent
- 11 to the first edge.
- 1 78. (Original) The method of claim 77 further comprising:
- bending the strap and the septum around a front end of
- 3 the module chassis frame to hold the folded conductive sheet
- 4 and the module chassis frame together.

- 1 79. (Original) The method of claim 77 wherein,
- the fingers to electrically ground the folded
- 3 conductive sheet to a ground of a host system.
- 1 80. (Original) The method of claim 77 wherein,
- the conductive sheet is one of metal, conductive
- 3 plastic, and plated plastic.
- 1 81. (Original) The method of claim 77 further comprising:
- bending the plurality of fingers outward from the
- 3 frontal opening.
- 1 82. (Original) The method of claim 77 further comprising:
- lifting the plurality of fingers up from an outer
- 3 surface of the conductive sheet.
- 1 83-94. (Cancelled)
- 1 95. (New) The shielded housing of claim 37 wherein,
- the shielding housing is a one-piece shielded housing
- 3 to protect components and to shield electromagnetic
- 4 radiation.
- 1 96. (New) The shielded housing of claim 37 wherein,
- 2 prior to the folding and the bending,
- 3 placing the flat pattern onto a chassis including an
- 4 opto-electronic device to process optical and electrical
- 5 signals, and
- 6 the folding and the bending of the flat pattern is
- 7 around the chassis to assemble the chassis and the shielded
- 8 housing together.
- 1 97. (New) The shielded housing of claim 37 wherein,
- the folding and the bending of the flat pattern
- 3 substantially forms the shielded housing but for a front

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opening, and
4
5
              the method further includes
              performing final folding and final bending of a strap
6
         and a septum to close the front opening.
7
    98. (New) The shielded housing of claim 37 wherein,
1
              the folding and the bending of the flat pattern
2
3
         substantially forms the shielded housing but for a rear
4
         opening, and
              the method further includes
5
              performing final folding and final bending of a back
6
         side flap to close the rear opening.
7
    99. (New) The shielded housing of claim 37 wherein,
1
2
              the flat pattern further includes a pair of tangs, a
3
        pair of tang window openings, a strap, and a septum.
1
    100. (New)
                   The shielded housing of claim 37 wherein,
2
              the folding and the bending forms the shielded housing
         including
3
              a top side,
4
              a first left side flap including a left wing flap,
5
              a first right side flap including a right wing flap,
6
7
              a second left side flap including a bottom left side
8
         flap,
              a second right side flap including a bottom right side
9
         flap, and
10
              a back side flap including a retaining flap.
11
   101. (New)
                   The shielded housing of claim 100 wherein,
1
2
              the back side flap includes a pair of tangs,
3
              the left wing flap includes a tang window opening to
        mate with one of the pairs of tangs, and
4
              the right wing flap includes a tang window opening to
5
6
        mate with one of the pairs of tangs.
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- 1 102. (New) The shielded housing of claim 101 wherein,
- a strap extends from a front edge of the top side at
- one end,
- and a septum extends at an opposite end of the strap.
- 1 103. (New) The shielded housing of claim 100 wherein,
- the one or more forward fingers extend from a front
- 3 edge of the top side, the second left side flap, the second
- 4 right side flap, the bottom left side flap, and the bottom
- 5 right side flap.
- 1 104. (New) The shielded housing of claim 37 wherein,
- the one or more forward fingers to couple to a host
- 3 panel to ground the shielded housing and to seal around an
- 4 opening in the host panel to avoid electromagnetic radiation
- 5 leaking out therefrom.
- 1 105. (New) The shielded housing of claim 37 wherein,
- the flat pattern is formed by etching the sheet of
- 3 conductive material.
- 1 106. (New) The shielded housing of claim 37 wherein,
- 2 the flat pattern is by formed stamping the sheet of
- 3 conductive material.
- 1 107. (New) The shielded housing of claim 37 wherein,
- the flat pattern is formed by cutting the sheet of
- 3 conductive material.
- 1 108. (New) The opto-electronic module of claim 45 wherein,
- the shielding housing is a one-piece shielding housing
- 3 to protect components and to shield electromagnetic
- 4 radiation.
- 1 109. (New) The opto-electronic module of claim 45 wherein,

2	the open end is a back side and the inserting includes
3	inserting a front end of the subassembly into the
4	open end of the back side of the shielded housing.
1	110. (New) The opto-electronic module of claim 109 wherein,
2	the closing of the open end of the back side includes
3	folding a left side wing and a right side wing
4	into the open end, and
5	folding a back side flap down over the open end to
6	couple to the left side wing and the right side wing.
1	111. (New) The opto-electronic module of claim 45 wherein,
2	the open end is a front side and the inserting includes
3	inserting a rear end of the subassembly into the open
4	end of the front side of the shielded housing.
1	112. (New) The opto-electronic module of claim 111 wherein,
2	the closing of the open end of the front side includes
3	folding a strap and a septum of the shielded
4	housing, the strap folded across the open end to strap
5	the subassembly into the shielded housing, the septum
6	folded into the open end to couple to the bottom side
7	of the shielded housing to hold the subassembly
8	strapped into the shielded housing.
1	113. (New) The opto-electronic module of claim 45 wherein,
2	the forming of the shielded housing includes
3	stamping a pattern of the shielded housing into
4	the sheet of conductive material, the pattern including
5	the one or more forward fingers extending from the edge
6	of the sheet,
7	folding the sheet of conductive material along a
8	plurality of fold lines into a multi-sided
9	rectangularly shaped container but for the open end,
10	and

- bending the one or more forward fingers into shape.
- 1 114. (New) An optical transmitter and/or receiver formed by
- 2 the method comprising:
- forming a plurality of fingers, a strap, and a septum
- 4 along a first edge of a conductive sheet;
- 5 placing the conductive sheet on a module chassis frame,
- 6 the module chassis frame having a plurality of components
- 7 used in transmitting and/or receiving optical signals;
- folding the conductive sheet around the module chassis
- 9 frame such that the conductive sheet substantially encloses
- the module chassis frame but for a frontal opening adjacent
- to the first edge.
- 1 115. (New) The optical transmitter and/or receiver of claim
- 2 114 formed by the method further comprising:
- 3 bending the strap and the septum around a front end of
- 4 the module chassis frame to hold the folded conductive sheet
- and the module chassis frame together.
- 1 116. (New) The optical transmitter and/or receiver of claim
- 2 114 wherein,
- 3 the fingers to electrically ground the folded
- 4 conductive sheet to a ground of a host system and to seal an
- opening in a host panel of the host system to avoid
- 6 electromagnetic radiation leaking out through the opening in
- 7 the host panel.
- 1 117. (New) The optical transmitter and/or receiver of claim
- 2 114 wherein,
- the conductive sheet is one of metal, conductive
- 4 plastic, and plated plastic.
- 1 118. (New) The optical transmitter and/or receiver of claim

114 formed by the method further comprising: 2 3 bending the plurality of fingers outward from the frontal opening to form a plurality of forward fingers 4 extending out therefrom. 5 The optical transmitter and/or receiver of claim 119. (New) 1 114 formed by the method further comprising: 2 lifting the plurality of fingers up from an outer 3 surface of the conductive sheet to form a plurality of 4 backward fingers. 5